



JEFFERSON COUNTY DEPARTMENT OF HEALTH

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Environmental Health Services

Wayne Studyvin, P.E., M.S.C.E., Director

Frank Phillips, P.E., Assistant Director

July 29, 2009

Ms. Grace Danois
Source Evaluation Unit
Air, Pesticides & Toxics Management Division
U.S. Environmental Protection Agency – Region 4
Atlanta Federal Center
61 Forsyth Street
Atlanta, Georgia 30303



Dear Ms. Danois:

Enclosed please find a Draft Major Source Operating Permit and associated review documents for Rexam Beverage Can Company, located at 124 Carson Road, Birmingham, Alabama 35215.

Permit Number:

4-07-0165-04

Nature of Business:

Beverage Can End Manufacturing

Emissions Unit No.	Emissions Unit Description
001	Metal Can End Module Nos. 1, 3, and 4 with End Sealing Compound Liners and Conversion Presses and Conventional Metal Can End Sealing Compound Liner No. 6 with Conversion Press
005	8,200-Gallon Volatile Organic Compound Bulk Storage Tank No. 8 with a Submerged-fill Pipe and a Conservation Vent
006	8,200-Gallon Volatile Organic Compound Bulk Storage Tank No. 7 with a Submerged-fill Pipe and a Conservation Vent
007	8,200-Gallon Volatile Organic Compound Bulk Storage Tank No. 6 with a Submerged-fill Pipe and a Conservation Vent
033	8 Similar Cold Solvent (Nonhalogenated and NonHAP) Metal Cleaners with Remote Reservoirs and Covers
034	7,800-Gallon Volatile Organic Compound Bulk Storage Tank No. 9 with a Submerged-fill Pipe and a Conservation Vent

If you have any questions or comments, please advise.

Sincerely,

Wayne Studyvin, Director
Environmental Health Services

TWS/kp
Enclosures


MAJOR SOURCE OPERATING PERMIT

Permittee: **Rexam Beverage Can Company**
Location: **124 Carson Road
Birmingham, Alabama 35215**
Permit No: **4-07-0165-04**
Issuance Date: **DRAFT FOR PUBLIC COMMENT**
Expiration Date: **DRAFT FOR PUBLIC COMMENT**
Nature of Business: **Beverage Can End Manufacturing**

Emissions Unit No.	Emissions Unit Description
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005	8,200-Gallon Volatile Organic Compound Bulk Storage Tank No. 8 with a Submerged-fill Pipe and a Conservation Vent
006	8,200-Gallon Volatile Organic Compound Bulk Storage Tank No. 7 with a Submerged-fill Pipe and a Conservation Vent
007	8,200-Gallon Volatile Organic Compound Bulk Storage Tank No. 6 with a Submerged-fill Pipe and a Conservation Vent
033	8 Similar Cold Solvent (Nonhalogenated and NonHAP) Metal Cleaners with Remote Reservoirs and Covers
034	7,800-Gallon Volatile Organic Compound Bulk Storage Tank No. 9 with a Submerged-fill Pipe and a Conservation Vent

This Permit is issued pursuant to and is conditioned upon the compliance with the provisions of the Jefferson County Board of Health Air Pollution Control Rules and Regulations, Section 18 of the Alabama Air Pollution Control Act of 1971, Act No. 769 (Regular Session, 1971), Section 22-28-16 of the Alabama Air Pollution Control Act as amended, Orders of the Jefferson County Board of Health, Orders of the Director of the Alabama Department of Environmental Management, and any applicable local, state or federal Court Order. This Permit is subject to the accuracy of all information submitted relating to the permit application and to the conditions appended hereto. It is valid from the date of issuance until the expiration date and shall be posted or kept under file at the source location described above and shall be made readily available for inspection at any reasonable time to any and all persons who may request to see it. This Permit is not transferable.

Pursuant to the Clean Air Act Amendments of 1990 (CAAA), all conditions of this permit are Federally enforceable by EPA, The Jefferson County Board of Health and citizens in general. Those provisions which are not required by the CAAA are considered to be Jefferson County provisions and are not Federally enforceable by EPA and citizens in general. Those provisions are contained in separate sections of this permit.


Wayne Studyvin, Director
Environmental Health Services

Approved: Michael E. Fleenor, M.D.
Health Officer

GENERAL PERMIT CONDITIONS

In addition to compliance with Alabama Air Pollution Control Act Number 769 (Regular Session, 1971) and Act Number 612 (Regular Session, 1982) and with all applicable Air Pollution Control Rules and Regulations, the conditions which are listed below are hereby contained in and made a part of this permit:

No.	Federally Enforceable Conditions	Regulations
1.	<p><u>Basis for Permit</u> This Operating Permit is issued based on provisions contained in all existing Jefferson County Board of Health Air Pollution Control Rules and Regulations (hereinafter called Rules and Regulations in this permit). In the event amendments, revisions or additions are made to these Rules and Regulations, it shall be the responsibility of the permit holder (hereinafter called the permittee in this permit) to comply with such new Rules and Regulations. Additions and revisions to the conditions in this Operating Permit will be made by the Jefferson County Department of Health (hereinafter called the Department), if necessary, to assure that the Rules and Regulations are not violated.</p>	AL Act 769
2.	<p><u>Authority</u> Nothing in this Operating Permit or conditions appended thereto shall negate any authority granted to this Department or the Health Officer pursuant to Alabama Air Pollution Control Act No. 769 (Regular Session, 1971) and Act No. 612 (Regular Session, 1982) or any regulations promulgated thereunder.</p>	AL Act 769
3.	<p><u>Acceptance of Permit</u> The permittee is required to bring the operation of a source within the standards of Paragraph 18.2.8(a) of the Rules and Regulations. Commencing construction or operation of the source shall be deemed acceptance of all conditions specified. An Operating Permit with revised conditions may be issued upon receipt of a new application if the permittee demonstrates that the source can operate within the standard of Paragraph 18.2.8(a) of the Rules and Regulations under the revised conditions.</p>	18.2.4
4.	<p><u>Compliance</u> The permittee shall comply with all conditions of the Rules and Regulations. Noncompliance with a permit will constitute a violation of the Act and the Rules and Regulations and may result in enforcement action; including but not limited to, permit termination, revocation and reissuance, or modification; or denial of a permit renewal application.</p>	18.5.6
5.	<p><u>Maximum Achievable Control Technology Standards (MACT)</u> The permittee shall be subject to any or all future Federal MACT Standards that may apply to this facility immediately from the effective date of the standards.</p>	2.1.3
6.	<p><u>Compliance Defense</u> The permittee shall not use as a defense in an enforcement action, that maintaining compliance with permit conditions would have required halting or reducing the permitted activity.</p>	18.5.7
7.	<p><u>Nothing in this Operating Permit shall alter or affect the following:</u> A. The provisions of Section 303 of the Act (emergency orders), including the authority of the Administrator under that section; B. The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance; C. The applicable requirements of the acid rain program, consistent with Section 408(a) of the Act; or D. The ability of EPA to obtain information from a source pursuant to Section 114 of the Act.</p>	18.10.3
8.	<p><u>Additional Information</u> The permittee shall submit any additional information to the Department to supplement or correct an application promptly after becoming aware of the need for additional or corrected information.</p>	18.4.7
9.	<p><u>Display of Permit</u> The permittee shall keep this Operating Permit under file or on display at all times at the site where the source is located and shall make the permit available for inspection by any and all persons who may request to see it.</p>	18.2.2
10.	<p><u>Payment of Fees</u> The permittee must have paid all fees required by the Rules and Regulations or the Operating Permit is not valid. Payment of operating permit fees required under Part 16.4 of the Rules and Regulations shall be made on or before the date specified under Section 16.5.1 of the Rules and Regulations of each year. Failure to make payment of fees within 30 days of the specified date shall cause the assessment of a late fee of 3% (of the original fee) per month or fraction thereof.</p>	18.5.11 16.4 16.5
11.	<p><u>Transfer</u> This permit is not transferable, whether by operation of law or otherwise, either from one location to another, from one piece of equipment to another or from one person to another except as provided in Subparagraph 18.13.1(a)(5) of the Rules and Regulations.</p>	18.2.6

12.	<u>New Air Pollution Sources</u> A new permit application must be made for new sources, replacements, alterations or design changes which may result in the issuance of, or an increase in the issuance of, air contaminants, or the use of which may eliminate or reduce or control the issuance of air contaminants.	2.1
13.	<u>Construction Not In Accordance with Applications</u> If the source permitted herein has been constructed not in accordance with the Operating Permit application and if the changes noted are of a substantial nature in that the amount of air contaminants emitted by the source may be increased or in that the effect is unknown, then the Operating Permit shall be revoked. No further application for an Operating Permit shall be accepted until the source has been reconstructed in accordance with the Operating Permit or until the permittee has proven to the Department that the change will not cause an increase in the emission of air contaminants.	18.2.8(e)
14.	<u>Expiration</u> A source's right to operate shall terminate upon the expiration of this Operating Permit unless a timely complete renewal application has been submitted at least 6 months, but not more than 18 months before the date of expiration or the Department has taken final action approving the source's application for renewal by the expiration date. The expiration date of this Operating Permit is printed on the first page of this permit.	18.4.3 18.5.2 18.12.2(b)
15.	<u>Revocation</u> This Operating Permit may be revoked for any of the following reasons: A. Failure to comply with any conditions of the permit; B. Failure to establish and maintain such records, make such reports, install, use and maintain such monitoring equipment or methods; and sample such emissions in accordance with such methods at such locations, intervals and procedures as may be prescribed in accordance with Section 1.9.2 of the Rules and Regulations; C. Failure to comply with any provisions of any Department administrative order issued concerning the permitted facility; D. Failure to comply with the Rules and Regulations; or E. For any other cause, after a hearing which establishes, in the judgment of the Department, that continuance of the permit is not consistent with the purpose of the Act or Rules and Regulations.	18.2.9
16.	<u>Severability</u> In case of legal challenge to any portion of this Operating Permit, the remainder of the permit conditions shall continue in force.	18.5.5
17.	<u>Reopening for Cause</u> Under any of the following circumstances, this Operating Permit will be reopened prior to the expiration of the permit: A. Additional applicable requirements under the Clean Air Act become applicable to the permittee with a remaining permit term of 3 or more years. Such a reopening shall be completed not later than 18 months after promulgation of the applicable requirements. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire. B. Additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into this permit. C. The Department, ADEM or EPA determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit. D. The Administrator, ADEM or the Department determines that this permit must be revised or revoked to assure compliance with the applicable requirements.	18.13.5
18.	<u>Termination for Cause</u> This permit may be modified, revoked, reopened and reissued or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance or termination, or of a notification of a planned change or anticipated noncompliance will not stay any permit condition.	18.5.8
19.	<u>Requests for Information</u> The permittee shall furnish to the Department within 30 days, or for such other reasonable time as the Department may set, any information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon receiving a specific request, the permittee shall also furnish to the Department copies of records required to be kept by the permit.	18.5.10
20.	<u>Entry and Inspections</u> The permittee shall allow the Department or authorized representative, upon presentation of credentials and other documents that may be required by law, to conduct the following:	18.2.9(d) 18.7.2

	<p>A. Enter upon the permittee's premises where a source is located or emissions related activity is conducted or where records are kept pursuant to the permit conditions;</p> <p>B. Review and/or copy at reasonable times any records kept pursuant to the permit conditions;</p> <p>C. Inspect at reasonable times any facilities, equipment, practices or operations required by the permit; and</p> <p>D. Sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or other applicable requirements.</p> <p>Denial of access upon proper identification is grounds for permit revocation.</p>	
21.	<p><u>Flexibility Changes</u></p> <p>Certain changes (per Section 502 (B)(10) of the Act) can be made to this Operating Permit without a revision if no modification as defined in the Rules and Regulations would occur and the changes do not exceed the emissions allowed under this permit provided that written notification is sent to the Department and EPA at least 7 days before the change is made. The written notification shall describe the proposed change, the date of the change, any change in emissions, and any term or condition of the permit which is no longer valid due to the change.</p>	18.13.2
22.	<p><u>Minor Permit Modifications</u></p> <p>Minor permit modification procedures may be used only for those permit modifications that:</p> <p>A. Do not violate any applicable requirement;</p> <p>B. Do not involve significant changes to existing monitoring, reporting, or record keeping requirements in the permit;</p> <p>C. Do not require or change a case-by-case determination of an emission limitation or other standard, or a source-specific determination for temporary sources of ambient impacts, or a visibility or increment analysis;</p> <p>D. Do not seek to establish or change a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject. Such terms and conditions include:</p> <ol style="list-style-type: none"> 1. A federally enforceable emissions cap assumed to avoid classification as a modification under any provision of title I of the Act; and 2. An alternative emissions limit approved pursuant to regulations promulgated under Section 112(i)(5) of the Act; <p>E. Are not modifications under any provision of title I of the Act; and</p> <p>F. Are not required by Part 18.12 of this Chapter to be processed as a significant modification.</p>	18.13.3
23.	<p><u>Minor Permit Modification Application</u></p> <p>An application requesting the use of minor permit modification procedures shall meet the requirements of Section 18.4.8 of this Chapter relative to the modification and shall include the following:</p> <p>A. A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs;</p> <p>B. The source's suggested draft permit;</p> <p>C. Certification by a responsible official, consistent with Section 18.4.9 that the proposed modification meets the criteria for use of minor permit modification procedures and a request that such procedures be used; and</p> <p>D. Completed form for the Department to sue to notify the Administrator, ADEM, and affected states as required under Part 18.15 of this Chapter.</p> <p>Ten days after the application has been submitted to the Department, the source may make the change for which they applied, unless the Department has notified the source that the change does not qualify as a minor modification. During the period between making the change and receiving a new permit, the source must comply with the proposed permit conditions, or the existing permit terms and conditions may be enforced against it.</p>	18.13.3
24.	<p><u>Significant Modifications</u></p> <p>Modifications that are significant modifications under the PSD (Part 2.4) or nonattainment (Part 2.5) regulations or are modifications under the NSPS or NESHAPS regulations must be incorporated in the Operating Permit using the requirements for sources initially applying for an Operating Permit, including those for applications, public participation, review by affected States, review by ADEM, and review by EPA, as described in Parts 18.4 and 18.15 of the Rules and Regulations.</p>	18.13.4
25.	<p><u>Property Rights</u></p> <p>No property rights of any sort or any exclusive privilege are conveyed through the issuance of this Operating Permit.</p>	18.5.9
26.	<p><u>Economic Incentives</u></p> <p>No permit revision shall be required under any approved economic incentives, marketable permit emissions trading and other similar programs or processes for changes that are provided for in the Operating Permit.</p>	18.5.12

27.	<p><u>Schedule of Compliance</u></p> <p>A. The permittee shall continue to comply with the applicable requirements with which the company has certified that it is already in compliance.</p> <p>B. The permittee shall comply in a timely manner with applicable requirements that become effective during the term of this permit, and shall follow any more detailed schedule of compliance set forth in the applicable requirement.</p>	18.4.8(h) 18.7.3
28.	<p><u>Emission Reduction Plan</u></p> <p>Upon notification by this Department, the permittee shall submit an Air Pollution Emission Reduction Plan in a format approved by this Department concerning air contaminant emissions reductions to be taken during declared episodes.</p>	18.2.8(b)
29.	<p><u>Emergency Provision</u></p> <p>A. An "emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emissions limitation under the Operating Permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.</p> <p>B. Exceedances of emission limits during emergencies (as defined above) at a facility may be exempted from being violations provided that:</p> <ol style="list-style-type: none"> 1. The permittee can identify the cause(s) of the emergency; 2. At the time of the emergency, the permitted facility was being properly operated; 3. During the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; 4. The permittee submitted notice of the emergency to the Health Department within 2 working days of the time when emission limitations were exceeded due to the emergency, including those deviations attributable to upset conditions as defined in the permit, the probable cause of said deviations, and any corrective actions or preventive measures that were taken; 5. The permittee submitted a written documentation of what was reported in the notice of the emergency to the Department within 5 working days of the emergency; 6. The permittee immediately documented the emergency exceedance in an "Emergency Log", which shall be maintained for 5 years in a form suitable for inspection upon request by a representative of the Department; and <p>C. The Health Officer shall be the sole determiner of whether an emergency has occurred.</p> <p>D. This provision is in addition to any emergency or upset provision contained in any applicable requirement.</p>	18.11.2
30.	<p><u>Fugitive Dust</u></p> <p>The permittee shall maintain plant paved and unpaved roads and grounds in the vicinity of the source permitted herein in the following manner so that fugitive dust will not leave the permittee's property:</p> <p>A. Precautions shall be taken to prevent fugitive dust emanating from plant roads, grounds, stock piles, screen, dryers, hoppers, ductwork, etc.</p> <p>B. Unpaved plant or haul roads and grounds will be maintained in the following manner so that dust will not become airborne:</p> <ol style="list-style-type: none"> 1. By the application of water any time the surface of the road is sufficiently dry to allow the creation of dust emissions by the act of wind or vehicular traffic; 2. By reducing the speed of vehicular traffic to a point below that at which dust emissions are created; 3. By paving; 4. By the application of binders (chemical dust suppressants) to the road surface at any time the road surface at any time the road surface is found to allow the creation of dust emissions; or 5. By any combination of the above methods which results in the prevention of dust becoming airborne from the road surface. Other dust control methods not listed above may be used if approved by the Department. <p>C. Paved plant roads and grounds shall be maintained in the following manner so that dust will not become airborne:</p> <ol style="list-style-type: none"> 1. Mechanical cleaning (vacuuming); 2. Water flushing; 3. Earth or other dust-forming material that is deposited on the paved roads shall be removed at the earliest opportunity subject to safety; 4. Paving or using a chemical dust suppressant on unpaved access points; 5. Washing and dewatering tires and the underbody of trucks which enter a paved road from an unpaved road; or 	6.2 18.2.8(a)

	6. By any combination of the above methods which results in the prevention of dust becoming airborne from the road surface. Other dust control methods not listed above may be used if approved by the Department.	
31.	<u>Obnoxious Odors</u> This Operating Permit is issued with the condition that, should obnoxious odors arising from the plant operations be verified by Department inspectors, measures to abate the odorous emissions shall be taken upon determination by this Department that these measures are technically and economically feasible.	6.2.3
32.	<u>Title VI Requirements (Refrigerants)</u> Any facility having appliances or refrigeration equipment, including air conditioning equipment, which use Class I or Class II ozone-depleting substances such as chlorofluorocarbons and hydrochlorofluorocarbons listed as refrigerants in 40 <u>CFR</u> 82, Subpart A, Appendices A and B, shall service, repair, and maintain such equipment according to the work practices, personnel certification requirements, and certified recycling and recovery equipment specified in 40 <u>CFR</u> 82, Subpart F. A. No person shall knowingly vent or otherwise release any Class I or Class II substance into the environment during the repair, servicing, maintenance, or disposal of any such device except as provided in 40 <u>CFR</u> 82, Subpart F. B. The responsible official shall comply with all reporting and recordkeeping requirements of 40 <u>CFR</u> 82.166. Reports shall be submitted to the U.S. EPA and the Department as required.	40 <u>CFR</u> 82 18.1.1(e)(10) 18.1.1(w)(4)
33.	<u>Asbestos</u> Demolition and renovation activities at this facility are subject to the National Emission Standard for Asbestos, 40 <u>CFR</u> 61, Subpart M. To determine the applicable requirements of the Standard, the permittee must thoroughly inspect the affected part of the facility where the demolition or renovation operation will occur for the presence of asbestos, including Category I and Category II nonfriable asbestos-containing materials, prior to the commencement of the demolition or renovation operation. The permittee shall comply with all applicable sections of the Standard, including notification requirements, emission control and waste disposal procedures. The permittee shall also ensure that anyone performing asbestos-related work at the facility is trained and certified according to the Alabama Department of Environmental Management's regulations for Asbestos Contractor Certification.	40 <u>CFR</u> 61 14.2.12 14.2.12(a)(1)
34.	<u>Housekeeping Requirements</u> The permittee shall not permit, cause, or allow the disposal of waste VOC/HAP materials in sewers, open containers, or in any manner that would result in vaporization.	1.9.1 2.1.1(g) 2.1.3
35.	<u>Prevention of Accidental Releases</u> The permittee shall comply with the requirements of Section 112 (r) of the Act to prevent accidental releases of any substance listed pursuant to Paragraph (3) of Section 112 (r), as the same may be amended or revised, or any other extremely hazardous substance.	112 (r)
36.	<u>VOC/HAP Spills or Other Mishaps</u> The permittee shall maintain a record of all spills or other mishaps of VOC/HAP materials. The record shall include the date, time, and quantity (gallons or pounds) of VOC/HAP materials involved in the spill or mishap. The permittee shall document the amount of VOC/HAP materials recovered and the amount that evaporated to the atmosphere.	2.1.1(g) 2.1.3
37.	<u>Facility-Wide Annual HAP Emissions Restriction</u> The permittee shall not cause or allow the emissions from all facility-wide fugitive and point sources within the major source permitted herein to equal or exceed 10 tons per year of any individual HAP emissions that has been listed pursuant to Section 112(b) of the Federal Clean Air Act, as amended, (42 U.S.C. 7401, et.seq.) nor equal or exceed 25 tons per year of any combination of HAP emissions during any rolling consecutive 12-month period, based on an annual rolling average (rolling summation) as defined under Part 1.3 of the Rules and Regulations as determined by the daily and monthly records required by the permit. This record shall be retained on site for at least 5 years after the date of the record and shall be made available to representatives of the Department, the Alabama Department of Environmental Management, and the U.S. Environmental Protection Agency upon request. The permittee shall not the Department with 2 working days after the determination of a violation of the HAP restrictions in this permit condition.	1.5.15 2.1.3 17.4.1
38.	<u>Monitoring Records</u> Records of all required monitoring shall be retained for a period of 5 years from the date of measurement including all calibration and maintenance records, all original strip-chart recordings, and copies of all reports, monitoring data and support information.	18.5.3(b)(1) (vii)
39.	<u>Monitoring Reports</u> Reports of required monitoring shall be submitted to the Department by July 31 and January 31 of each year. All instances of deviations from permit requirements must be clearly identified in such reports. All reports must be signed by a responsible official as defined in the Rules and Regulations.	18.5.3(c)(1)

40.	<u>Retention of Records</u> Records of all required monitoring data, product usage, measurements, reports, MSDS and other support information shall be retained for a minimum of 5 years from the date when the record was generated. Support information includes all calibration and maintenance records and copies of all reports required by the permit.	18.5.3(b)
41.	<u>Deviations</u> Deviations from permit requirements shall be reported within 2 working days of such deviations, including those attributable to upset conditions, the probable cause of said deviations and any corrective actions or preventive measures that were taken.	18.5.3(c)(2)
42.	<u>Annual Production And Compliance Emissions Report</u> The permittee shall submit by February 10 th of each calendar year to this Department an annual summary report for the previous calendar year in a format approved by this Department of the following production information of the Major Source permitted herein: A. The total quantity in gallons of surface coatings, end sealing compounds, tab lube, Mister Lube A, mineral spirits, organic solvent thinners and cleanup solvents used, assigning the usage to the emission unit where used; B. The density (lb/gal), VOC content, solids content, exempt VOC content, HAP content and water content of all surface coatings, end sealing compounds, tab lube, Mister Lube A, mineral spirits, and cleanup and thinning solvents, expressed in percent weight and percent volume; C. The quantity in gallons of waste surface coatings, end sealing compound, tab lube, Mister Lube A, solvent thinners and cleanup solvents disposed of properly (sent to a waste solvent recovery facility or incinerated), including certification of the VOC, HAP, water, solids and exempt VOC content of the waste reported in percent weight and volume; D. The actual hours of operation of each emission unit; E. The quantity in gallons and pounds per year of volatile organic compound liquids lost due to spillage or other mishaps, identifying the type or name of the lost volatile organic compound liquids and the date, time, and quantity of each spill or mishap; F. The quantity of metal can ends produced by each emissions unit (include spoilage); G. The actual and allowable emissions of all regulated air pollutants as defined in Chapter 18 of the Rules and Regulations including all individual HAP emissions, assigning each reported value to the emissions unit where the emissions occurred; and H. The actual throughput in gallons of each bulk storage tank within the source permitted herein. All tanks shall be reported whether permitted or not.	2.1.1(g) 2.1.3 18.5.3
43.	<u>Compliance Certification</u> A compliance certification shall be submitted annually within 30 days of the anniversary of the initial issue date. The permittee shall provide a means for monitoring the compliance of its air pollution sources with the emissions limitation, standards and work practices listed or referenced within this permit. Any document or report shall contain a certification of truth, accuracy, and completeness by a responsible official that meets the requirements of Section 18.4.9. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete. A. The compliance certification shall include the following: 1. The identification of each term or condition of this permit that is the basis of the certification; 2. The compliance status; 3. Whether compliance has been continuous or intermittent; 4. The method(s) used for determining the compliance status of the source, currently and over the reporting period consistent with the Rules and Regulations; and 5. Such other facts as the Department may require to determine the compliance status of the source; B. The compliance certification shall be submitted to the following 2 agencies: Jefferson County Department of Health Air Pollution Control Program P.O. Box 2648 Birmingham, Alabama 35202-2648 and to EPA Region IV Atlanta Federal Center 61 Forsyth Street Atlanta, GA 30303	18.4.9 18.7.1 18.7.5(c) 18.7.5(d) 18.7.5(e)
44.	<u>Progress Reports</u> If any air pollution source owned or operated by the permittee is not in compliance with the emissions limitations, standards and work practices listed or referenced within this permit, the permittee shall submit progress reports for that air pollution source. The first progress report shall be submitted within 3 months after the Operating Permit issuance date or within 3 months of the permittee or Department determining that the air pollution source is not in compliance. Subsequent reports shall be submitted every sixth month following the initial report. The progress reports shall contain the following: A. Dates for achieving the activities, milestones, or compliance required in the schedule of compliance,	18.4.8(h) 18.7.4

	and/or dates when such activities, milestones or compliance were achieved; and B. An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.	
45.	Testing A source emissions test may be required by this Department at any time. The methods for such testing shall be in accordance with procedures established by Part 51, Part 60, Part 61, and Part 63 of Title 40 of the <u>Code of Federal Regulations</u> , hereinafter called 40 <u>CFR</u> 51, 40 <u>CFR</u> 60, 40 <u>CFR</u> 61, and 40 <u>CFR</u> 63, as the same may be amended or revised.	1.9.1 18.5.3(a)(1)
46.	Notice of Testing The permittee shall notify this Department in writing at least 2 weeks prior to the actual conduction of any source emissions test. This notice shall state the source to be tested, the proposed time of the test, and the testing date(s).	1.9.1
47.	Provisions for Testing The permittee shall provide each point of emission with sampling ports, ladders, stationary platforms, and other safety equipment to facilitate testing performed in accordance with procedures established by Part 60 of Title 40 of the Code of Federal Regulations hereinafter called 40 <u>CFR</u> 60.	1.10.3 18.2.8(c)
48.	Test Results The permittee shall submit the results of all emissions tests in duplicate in bound copies to this Department within a time period specified by this Department; however, not to exceed 3 weeks from the test completion date.	1.10.4 18.2.8(c)
49.	Definitions For the purposes of this Major Source Operating Permit, the following terms will have the meanings ascribed to in this permit: "Annual Rolling Average" shall mean the method of demonstrating compliance with an annual emission rate or production rate restriction of a permit condition of a permit, or, to keep annual emissions below a regulation's emissions applicability level or a major source threshold. At the end of each calendar month, a source shall demonstrate compliance with an annual emission rate restriction for the previous 12 consecutive month period. "Submerged Fill Pipe" shall mean any fill pipe, the discharge opening of which is entirely submerged when the liquid level is 6 inches above the bottom of the tank; or when applied to a tank which is loaded from the side, shall mean any fill pipe, the discharge opening of which is entirely submerged when the liquid level is two times the fill pipe diameter, in inches, above the bottom of the tank. "VOC" shall be an acronym for volatile organic compound. "Volatile Organic Compound" shall mean any organic compound which participates in atmospheric photochemical reactions. This includes any such organic compound other than the following: 1. Acetone; 2. Ethane; 3. Methane; 4. Methyl Chloroform (1,1,1-Trichloroethane); 5. Perchloroethylene (tetrachloroethylene); 6. Methylene Chloride (Dichloromethane); 7. CFC-11 (Trichlorofluoromethane); 8. CFC-12 (Dichlorodifluoromethane); 9. HCFC-22 (Chlorodifluoromethane); 10. HFC-23 (Trifluoromethane); 11. CFC-114 (1,2-Dichloro 1,1,2,2-tetrafluoroethane); 12. CFC-115 (Chloropentafluoroethane); 13. HCFC-123 (2,2-Dichloro 1,1,1-trifluoroethane); 14. HCFC-124 (2-Chloro-1,1,1,2-Tetrafluoroethane); 15. HFC-125 (Pentafluoroethane); 16. HFC-134 (1,1,2,2-Tetrafluoroethane); 17. HFC-134a (1,1,1,2-Tetrafluoroethane); 18. HCFC-141b (1,1-Dichloro 1-fluoroethane); 19. HCFC-142b (1-Chloro 1,1-difluoroethane); 20. HFC-143a (1,1,1-Trifluoroethane); 21. HFC-152a (1,1-Difluoroethane); 22. CFC-113 (1,1,2-Trichloro-1,2,2-trifluoroethane); 23. Parachlorobenzotrifluoride (PCBTF); 24. cyclic, branched, or linear, completely methylated siloxanes (VMS); 25. HCFC-225ca (3,3-Dichloro-1,1,1,2,2-pentafluoropropane);	1.3

26. HCFC-225cb (1,3-Dichloro-1,1,2,2,3-pentafluoropropane);
27. HFC-43-10mee (1,1,1,2,3,4,4,5,5,5-Decafluoropentane);
28. HFC-32 (Difluoromethane);
29. HFC-161 (Ethylfluoride);
30. HFC-236fa (1,1,1,3,3,3-Hexafluoropropane);
31. HFC-245ca (1,1,2,2,3-Pentafluoropropane);
32. HFC-245ea (1, 1,2,3,3-Pentafluoropropane);
33. HFC-245eb (1,1,1,2,3-Pentafluoropropane);
34. HFC-245fa (1,1,1,3,3-Pentafluoropropane);
35. HFC-236ea (1,1,1,2,3,3-Hexafluoropropane);
36. HFC-365mfc (1,1,1,3,3-Pentafluorobutane);
37. HCFC-31 (Chlorofluoromethane);
38. HCFC-123a (1,2,-Dichloro-1,1,2-trifluoroethane);
39. HCFC-151a (1-Chloro-1-fluoroethane);
40. C₄F₉OCH₃ (1,1,1,2,2,3,3,4,4-Nonafluoro-4-methoxybutane);
41. (CF₃)₂CFCF₂OCH₃ (2-(Difluoromethoxymethyl)-1,1,1,2,3,3,3-heptafluoropropane);
42. C₄F₉OC₂H₅ (1-Ethoxy-1,1,2,2,3,3,4,4,4-nonafluorobutane);
43. (CF₃)₂CFCF₂OC₂H₅ (2-(Ethoxydifluoromethyl)-1,1,1,2,3,3,3-heptafluoropropane);
44. Methyl Acetate;
45. HFE-7000 (n-C₃F₇OCH₃, 1,1,1,2,2,3,3,-heptafluoro-3 methoxy-propane);
46. HFE-7500 (3-ethoxy-1,1,1,2,3,4,4,5,5,6,6,6-dodecafluoro-2-(trifluoromethyl) hexane);
47. HFC-227ea (1,1,1,2,3,3,3-heptafluoropropane);
48. Methyl Formate (HCOOCH₃);
49. (1)1,1,1,2,2,3,4,5,5,5,-decafluoro-3-methoxy-4-trifluoromethyl-pentane (HFE-7300); and
50. perfluorocarbon compounds which fall into these four classes:
 - (1) cyclic, branched, or linear, completely fluorinated alkanes;
 - (2) cyclic, branched, or linear, completely fluorinated ethers with no unsaturations;
 - (3) cyclic, branched, or linear, completely fluorinated tertiary amines with no unsaturations; and
 - (4) sulfur containing perfluorocarbons with no unsaturations and with sulfur bonds only to carbon and fluorine.

The heretofore mentioned excluded organic compounds have been determined to have negligible photochemical reactivity by the EPA Administrator. For purposes of determining compliance with emission limits under Chapter 8, VOC shall be measured by the approved test methods contained in Chapter 8. Where such a method also inadvertently measures the heretofore mentioned negligibly photochemical reactive organic compounds with the reactive compounds, an owner or operator may exclude these negligibly reactive compounds when determining compliance with an emission limit using EPA-approved test methods and procedures. The following compound(s) are VOC for purposes of all recordkeeping, emissions reporting, photochemical dispersion modeling and inventory requirements which apply to VOC and shall be uniquely identified in emission reports, but are not VOC for purposes of VOC emissions limitations or VOC content requirements: t-butyl acetate.

Emissions Unit Operating Permit Summary

Emissions Unit No.: 001

Company: Rexam Beverage Can Company

Description: Metal Can End Module Nos. 1, 3, and 4 with End Sealing Compound Liners and Conversion Presses and Conventional Metal Can End Sealing Compound Liner No. 6 with Conversion Presses

Permitted Operating Schedule: 24 hours/day, 7 days/week, and 52 weeks/year

Type and Quantity of Fuel Used:

Primary: None

Secondary: None

Pollutants Emitted:

Pollutant	Regulatory Emission Limit	Applicable Regulations
Volatile Organic Compounds (VOC)	3.7 pounds per gallon (End Sealing Compound) 5.56 pounds per gallon (Tab Lube) 5.89 pounds per gallon (Mister Lube A) 6.6 pounds per gallon (Mineral Spirits)	Subparagraph 8.11.1(c)(4) Chapter 2 New Source Review Limits
Hazardous Air Pollutants (HAP)	N/A	N/A

Pollution Control Devices: None

Continuous Emission Monitors: None

Continuous Compliance Determiner: Maintain daily and monthly records of all VOC containing coatings and cleaning solvents used; determine VOC emissions by material balance at the end of each month and sum the VOC emissions for the last consecutive 12-month period

Method Test: EPA Reference Test method 24, 40 CFR 60, Appendix A

Monitor Certification Test: N/A

Monitor Quality Assurance Procedures: N/A

Reporting Requirements: Refer to this Emissions Unit's Permit Conditions 15 & 16

Applicable Regulations: Sections 2.1.1, 2.1.3, 8.11.1, 8.11.12, 8.16.1, 18.5.1, and 18.5.3; Chapters 2 and 18; 40 CFR 60, Appendix A

CONDITIONS FOR EMISSIONS UNIT NO. 001:

No.	FEDERALLY ENFORCEABLE CONDITIONS	Regulation
	Section 1 – Applicability	
1.	The sources permitted herein are subject to and shall comply with the requirements under Section 8.11.1, entitled “Can Coating,” of the Rules and Regulations. The emissions unit shall include the application areas, application equipment, and flashoff areas of the metal can end sealing compound operations. The emissions unit shall also include the usage of cleaning solvents (automatic or manual cleaning), the conversion presses where tab lube which contains solvent is used, and any other VOC/HAP containing materials involved in the metal can end manufacturing process. The emissions unit is subject to Chapter 2, entitled “Air Permits,” of the Rules and Regulations for a 1995 new source review permitting limitations. The emissions unit is subject to Chapter 18, entitled “Major Source Operating Permit,” of the Rules and regulations.	Chapter 2 8.11.1 Chapter 18
	Section 2 -- Emission, Equipment or Production Requirements and Limitations	
2.	The permittee shall not cause, allow or permit the sources permitted herein to discharge into the atmosphere of any VOC emissions in excess of 0.44 kilograms per liter (3.7 pounds per gallon) for end sealing compound, excluding water, delivered to the end sealing compound applicator. The permittee shall demonstrate compliance with the VOC emissions limit by the test methods and procedures of Section 8.16.1 of the Rules and Regulations, set forth in Condition 14 below.	8.11.1(c)(4) 8.16.1 18.5.1
3.	The permittee shall not cause, allow or permit the sources permitted herein to exceed the following limits from the application of End Sealing Compound during any rolling consecutive 12-month period, based on an annual rolling average as defined under Part 1.3 of the Rules and Regulations and this operating permit and as determined by the daily and monthly records required by this operating permit: Tons VOC per year : 238.43 Gallons per year : 128,870 VOC Content in End Sealing Compound : 3.7 pounds per gallon excluding water	2.1.1(g) 2.1.3 18.5.1
4.	The permittee shall not cause, allow or permit the sources permitted herein to exceed the following limits from the application of Tab Lube during any rolling consecutive 12-month period, based on an annual rolling average as defined under Part 1.3 of the Rules and Regulations and this operating permit and as determined by the daily and monthly records required by this operating permit: Tons VOC per year : 99.03 Gallons per year : 35,622 VOC Content in Tab Lube : 5.56 pounds per gallon excluding water	2.1.1(g) 2.1.3 18.5.1
5.	The permittee shall not cause, allow or permit the sources permitted herein to exceed the following limits from the application of Mister Lube A (heptane) during any rolling consecutive 12-month period, based on an annual rolling average as defined under Part 1.3 of the Rules and Regulations and this operating permit and as determined by the daily and monthly records required by this operating permit: Tons VOC per year : 27.93 Gallons per year : 9,478 VOC Content in Mister Lube A : 5.89 pounds per gallon excluding water	2.1.1(g) 2.1.3 18.5.1
6.	The permittee shall not cause, allow or permit the sources permitted herein aggregated with all other point and fugitive sources within the facility to exceed the following limits from the usage of all cleanup solvents (mainly mineral spirits) during any rolling consecutive 12-month period, based on an annual rolling average as defined under Part 1.3 of the Rules and Regulations and this operating permit and as determined by the daily and monthly records required by this operating permit: Tons VOC per year: 14.61 Gallons per year: 4,427 VOC Content in all Cleanup Solvents: 6.6 pounds per gallon excluding water	2.1.1(g) 2.1.3 18.5.1
7.	The permittee shall install and maintain a metal can end counter on each individual metal can end sealing compound liner of each module permitted herein.	2.1.1(g) 2.1.3 18.5.1
8.	The permittee shall estimate the end sealing compound usage rate utilizing the total number of ends produced and the average end sealing compound film weight applied to each end for each module permitted herein.	2.1.1(g) 2.1.3 18.5.1

9.	The permittee shall measure weekly the volume level in the end sealing compound supply tanks to determine and verify (cross check the primary method of usage determination) the weekly usage of end sealing compound used in the operations of each module permitted herein.	2.1.1(g) 2.1.3 18.5.1
10.	The permittee shall measure weekly the volume level in the tab lube supply tanks and in the Mister Lube A (heptane) supply tanks to determine the weekly usage of tab lube and Mister Lube A (heptane) used in the operations of conversion presses of each module permitted herein.	2.1.1(g) 2.1.3 18.5.1
Section 3 -- Compliance and Performance Test Methods and Procedures		
11.	<p>The permittee shall sample and analyze at least twice during each 8 hour work period the dry film weight of the end sealing compound applied to a metal can end on each end sealing compound liner of each module permitted herein. The permittee shall develop standard operating procedures for the sampling and analyzing of the dry film weight. On a daily basis (calendar day) and using the daily average dry film weight and transfer efficiency, the permittee shall determine the end sealing compound application rate in gallons per 1,000 lined ends produced (good and spoilage). At the end of the calendar month, the monthly usage rate of end sealing compound shall be checked by measuring the volume loss in gallons in the end sealing compound supply tanks. The standard operating procedures shall contain the following steps as a minimum:</p> <p>The permittee shall perform the following activities in order to determine the daily usage of end sealing compound and emissions:</p> <p>A. Sample, analyze, and record the dry film weight of end sealing compound applied to a can end every 4 hours of operation (2 times per shift). This shall be done for each of the liner nozzles of each module. A transfer efficiency shall be assigned.</p> <p>B. Measure and record the gallons of end sealing compound in the each supply tank every day (preferably at midnight) for each module. It will be necessary to determine the quantity being delivered to each module (by number of ends produced and dry film weights). The record shall contain the date, time, gallons and operator.</p> <p>C. Measure and record the gallons of end sealing compound added to each supply tank for each module (date, time, gallons and operator).</p> <p>D. Record the quantity of lined ends (good and spoilage) produced by each module.</p> <p>E. Record the size (type) of ends being produced and the desired milligrams of end sealing compound to be applied (i.e. 33 ± 3 mg/end).</p>	2.1.3 18.5.3
12.	The compliance demonstration time period for the VOC content in the end sealing compound, tab lube, Mister Lube A, and cleanup solvents used in the operations of all units permitted herein shall be 24-hour period (calendar day) as allowed under Paragraph 8.11.12(b) of the Rules and Regulations.	8.11.12 18.5.3
13.	The compliance demonstration time period for the annual VOC emissions rate restrictions in each module permitted herein is monthly, which is the rolling consecutive 12-month VOC emissions summation (annual rolling average as defined in this permit).	2.1.3 18.5.3
14.	<p>The permittee shall use the applicable following EPA test methods to determine the VOC content, water content, density, volume content of solids, and weight content of solids of surface coatings:</p> <p>A. Reference test method 24 or 24A of 40 CFR 60, Appendix A; or</p> <p>B. The Department may accept, instead of the coating analysis, a certification by the paint manufacturer of the composition of the coatings, if supported by actual batch formulation records. Also, the manufacturer's certification shall be consistent with EPA document 450/3-84-019, titled "Procedures for Certifying Quantity of VOC Emitted by Paint, Ink, and Other Coatings." Sufficient data to determine as-applied formulation must be provided if the as-applied formulation is different from the as-purchased coating.</p>	2.1.1(g) 2.1.3 8.16.1 18.5.3 40 CFR 60
Section 4 -- Emission Monitoring		
There are no applicable continuous monitoring requirements for this emission unit.		
Section 5 -- Recordkeeping and Reporting Requirements		
15.	<p>In order to demonstrate compliance with VOC emission limits in each emission unit permitted herein or any applicable Rule and Regulation in the time frame prescribed by this permit or any applicable Rule and Regulation, the permittee shall comply with the daily recordkeeping requirements under Section 8.11.12 of the Rules and Regulations by maintaining a daily record in a format approved by this Department of the following production data as a minimum:</p> <p>A. The quantity in gallons of all surface coatings, end sealing compound, tab lube, and Mister Lube A (heptane);</p> <p>B. The quantity in gallons of all organic liquid diluents (coating reducers and additives) added to the surface coatings, end sealing compound, tab lube, and Mister Lube A (heptane);</p>	8.11.12 18.5.3

	<p>C. The quantity in gallons of organic liquid solvents (heptane and mineral spirits) used for wash or cleanup of equipment;</p> <p>D. The quantity in gallons of all organic liquid waste properly contained and shipped out for proper disposal and a certification of the waste density and percent VOC content by weight;</p> <p>E. The date of each application of surface coatings, end sealing compound, tab lube, Mister Lube A (heptane), diluents and usage of wash, cleanup, and lubricating solvents;</p> <p>F. The regulation(s) applicable to the coating type and system for which the records are being maintained;</p> <p>G. The daily records shall be kept in the units necessary to verify compliance with the permit conditions of each module permitted herein and the requirements of Section 8.11.1 of the Rules and Regulations (i.e. kilograms of VOC per liter of coating delivered to the application system, excluding water and exempt VOC);</p> <p>H. The application method and the substrate material type;</p> <p>I. The actual hours of operation of each liner of each module permitted herein;</p> <p>J. The type and size of ends being produced;</p> <p>K. The quantity of lined ends produced (good and spoilage);</p> <p>L. The dry film weight in milligrams per lined end (sampled and analyzed at least twice per 8 hour shift);</p> <p>M. The actual VOC and/or HAP emissions from the usage of end sealing compound, tab lube, Mister Lube A (heptane), and cleaning solvents (mineral spirits);</p> <p>N. The allowable VOC and/or HAP emissions from the usage of end sealing compound, tab lube, Mister Lube A (heptane), and cleaning solvents (mineral spirits); and</p> <p>O. The following information on all surface coatings, end sealing compound, tab lube, Mister Lube A (heptane) and organic liquid solvents (diluents, additives, lubricants, wash, and cleanup):</p> <ul style="list-style-type: none"> (i) manufacturer (supplier); (ii) product name and manufacturer's code number; (iii) density (pounds per gallon); (iv) VOC content in percent weight and volume; (v) solids content in percent weight and volume; (vi) water content in percent weight and volume; (vii) exempt VOC content in percent weight and volume; and (viii) pounds of VOC per gallon of coating, end sealing compound, tab lube, Mister Lube A (heptane) and cleaning solvents, excluding water and exempt VOC. 	
16.	<p>The permittee shall maintain a monthly record as required to demonstrate compliance with rolling consecutive 12-month (annual rolling average) VOC emissions restrictions of each module permitted herein in a format approved by this Department. The data to determine the monthly VOC emissions shall be derived from the required daily records. The monthly record shall be reduced within 10 working days after the end of the month to produce the monthly annual rolling average (a rolling consecutive 12-month summation) report. The permittee shall submit a report to the Department within 2 working days after determining any violations of the VOC emissions limitations. Records must be kept for a minimum of 5 years.</p>	<p>2.1.1(g)</p> <p>2.1.3</p> <p>18.5.3</p>

Emissions Unit Operating Permit Summary

Emissions Unit No.: 005

Company: Rexam Beverage Can Company

Description: 8,200-Gallon Volatile Organic Compound Bulk Storage Tank No. 8 with a Submerged-Fill Pipe and a Conservation Vent – Refer to this Source as “Tank 8” in this Permit

Permitted Operating Schedule: 24 hours/day, 7 days/week, and 52 weeks/year

Type and Quantity of Fuel Used:
Primary: None
Secondary: None

Pollutants Emitted:

Pollutant	Regulatory Emission Limit	Applicable Regulation
Volatile Organic Compounds (VOC)	Equipment - Submerged-Fill Pipe	Paragraph 8.3.2(a)
Hazardous Air Pollutants (HAP)	N/A	N/A

Pollution Control Devices: Submerged-Fill Pipe and Conservation Vent

Continuous Emission Monitors: N/A

Continuous Compliance Determiner: N/A

Method Test: N/A

Monitor Certification Test: N/A

Monitor Quality Assurance Procedures: N/A

Reporting Requirements: Refer to this Emissions Unit's Permit Condition 5

Applicable Regulations: Part 8.3; Sections 2.1.1, 2.1.3, 18.5.1, and 18.5.3

CONDITIONS FOR EMISSIONS UNIT NO.: 005

No.	FEDERALLY ENFORCEABLE CONDITIONS	Regulation
	Section 1 -- Applicability	
1.	Tank 8 permitted herein is subject to and shall comply with the requirements of Paragraph 8.3.2(a) of the Rules and Regulations. The emissions unit shall include the storage tank and all appurtenant equipment to load into the tank and pump out of the tank (i.e. pumps, piping, valves, vents, seals, instruments, hoses and couplings).	8.3.2(a)
	Section 2 -- Emission or Equipment Standards	
2.	The permittee shall not dispose of any VOC/HAP materials in sewers, open containers or in any manner that would result in evaporation to the atmosphere.	2.1.1(g) 2.1.3 18.5.1
3.	Tank 8 permitted herein shall be equipped with a permanent submerged fill pipe or a bottom fill pipe as defined under Part 1.3 of the Rules and Regulations or this permit.	8.3.2(a) 18.5.1
4.	Any component of Tank 8 permitted herein that appears to be leaking VOC/HAP vapors or liquids on the basis of sight, smell, or sound should be repaired with an initial attempt as soon as possible and final repair shall be done within 15 calendar days. A record of the leak and an estimate of the quantity in gallons and pounds of VOC/HAP materials lost shall be maintained.	2.1.1(g) 2.1.3 18.5.1
	Section 3 -- Compliance and Performance Test Methods and Procedures	
	Not Applicable.	
	Section 4 -- Emissions Monitoring	
	Not Applicable.	
	Section 5 -- Recordkeeping and Reporting Requirements	
5.	<p>The permittee shall submit by February 10th of each calendar year to this Department an annual summary report for the previous calendar year in a format approved by this Department of the following production information of the Tank 8 permitted herein:</p> <p>A. The chemical or trade name of the stored VOC in the tank;</p> <p>B. The average storage temperature of the stored VOC in degrees Fahrenheit;</p> <p>C. The average true vapor pressure in psia of the stored VOC at storage temperature;</p> <p>D. The quantity in gallons of any VOC/HAP materials lost (evaporated to the atmosphere) due to a spillage, leak, or any other mishap;</p> <p>E. The annual throughput in gallons per year; and</p> <p>F. The annual VOC and HAP emissions.</p>	2.1.1(g) 2.1.3 18.5.3

Emissions Unit Operating Permit Summary**Emissions Unit No.: 006****Company:** Rexam Beverage Can Company**Description:** 8,200-Gallon Volatile Organic Compound Bulk Storage Tank No. 7 with a Submerged-Fill Pipe and a Conservation Vent – Refer to this Source as “Tank 7” in this Permit**Permitted Operating Schedule:** 24 hours/day, 7 days/week, and 52 weeks/year**Type and Quantity of Fuel Used:**
Primary: None
Secondary: None**Pollutants Emitted:**

Pollutant	Regulatory Emission Limit	Applicable Regulations
Volatile Organic Compounds (VOC)	Equipment - Submerged-Fill Pipe	Paragraph 8.3.2(a)
Hazardous Air Pollutants (HAP)	N/A	N/A

Pollution Control Devices: Submerged-Fill Pipe and Conservation Vent**Continuous Emission Monitors:** N/A**Continuous Compliance Determiner:** N/A**Method Test:** N/A**Monitor Certification Test:** N/A**Monitor Quality Assurance Procedures:** N/A**Reporting Requirements:** Refer to this Emissions Unit's Permit Condition 5**Applicable Regulations:** Part 8.3; Sections 2.1.1, 2.1.3, 18.5.1, and 18.5.3

CONDITIONS FOR EMISSIONS UNIT NO.: 006

No.	FEDERALLY ENFORCEABLE CONDITIONS	Regulation
	Section 1 -- Applicability	
1.	Tank 7 permitted herein is subject to and shall comply with the requirements of Paragraph 8.3.2(a) of the Rules and Regulations. The emissions unit shall include the storage tank and all appurtenant equipment to load into the tank and pump out of the tank (i.e. pumps, piping, valves, vents, seals, instruments, hoses and couplings).	8.3.2(a)
	Section 2 -- Emission or Equipment Standards	
2.	The permittee shall not dispose of any VOC/HAP materials in sewers, open containers or in any manner that would result in evaporation to the atmosphere.	2.1.1(g) 2.1.3 18.5.1
3.	Tank 7 permitted herein shall be equipped with a permanent submerged fill pipe or a bottom fill pipe as defined under Part 1.3 of the Rules and Regulations or this permit.	8.3.2(a) 18.5.1
4.	Any component of Tank 7 permitted herein that appears to be leaking VOC/HAP vapors or liquids on the basis of sight, smell, or sound should be repaired with an initial attempt as soon as possible and final repair shall be done within 15 calendar days. A record of the leak and an estimate of the quantity in gallons and pounds of VOC/HAP materials lost shall be maintained.	2.1.1(g) 2.1.3 18.5.1
	Section 3 -- Compliance and Performance Test Methods and Procedures	
	Not Applicable.	
	Section 4 -- Emission Monitoring	
	Not Applicable.	
	Section 5 -- Recordkeeping and Reporting Requirements	
5.	<p>The permittee shall submit by February 10th of each calendar year to this Department an annual summary report for the previous calendar year in a format approved by this Department of the following production information of the Tank 7 permitted herein:</p> <p>A. The chemical or trade name of the stored VOC in the tank;</p> <p>B. The average storage temperature of the stored VOC in degrees Fahrenheit;</p> <p>C. The average true vapor pressure in psia of the stored VOC at storage temperature;</p> <p>D. The quantity in gallons of any VOC/HAP materials lost (evaporated to the atmosphere) due to a spillage, leak, or any other mishap;</p> <p>E. The annual throughput in gallons per year; and</p> <p>F. The annual VOC and HAP emissions.</p>	2.1.1(g) 2.1.3 18.5.3

Emissions Unit Operating Permit Summary

Emissions Unit No.: 007

Company: Rexam Beverage Can Company

Description: 8,200-Gallon Volatile Organic Compound Bulk Storage Tank No. 6 with a Submerged-Fill Pipe and a Conservation Vent – Refer to this Source as “Tank 6” in this Permit

Permitted Operating Schedule: 24 hours/day, 7 days/week, and 52 weeks/year

Type and Quantity of Fuel Used:

Primary: None

Secondary: None

Pollutants Emitted:

Pollutant	Regulatory Emission Limit	Applicable Regulations
Volatile Organic Compounds (VOC)	Equipment - Submerged-Fill Pipe	Paragraph 8.3.2(a)
Hazardous Air Pollutants (HAP)	N/A	N/A

Pollution Control Devices: Submerged-Fill Pipe and Conservation Vent

Continuous Emission Monitors: N/A

Continuous Compliance Determiner: N/A

Method Test: N/A

Monitor Certification Test: N/A

Monitor Quality Assurance Procedures: N/A

Reporting Requirements: Refer to this Emissions Unit's Permit Condition 5

Applicable Regulations: Part 8.3; Sections 2.1.1, 2.1.3, 18.5.1, and 18.5.3

CONDITIONS FOR EMISSIONS UNIT NO.: 007

No.	FEDERALLY ENFORCEABLE CONDITIONS	Regulation
	Section 1 – Applicability	
1.	Tank 6 permitted herein is subject to and shall comply with the requirements of Paragraph 8.3.2(a) of the Rules and Regulations. The emissions unit shall include the storage tank and all appurtenant equipment to load into the tank and pump out of the tank (i.e. pumps, piping, valves, vents, seals, instruments, hoses and couplings).	8.3.2(a)
	Section 2 -- Emission or Equipment Standards	
2.	The permittee shall not dispose of any VOC/HAP materials in sewers, open containers or in any manner that would result in evaporation to the atmosphere.	2.1.1(g) 2.1.3 18.5.1
3.	Tank 6 permitted herein shall be equipped with a permanent submerged fill pipe or a bottom fill pipe as defined under Part 1.3 of the Rules and Regulations or this permit.	8.3.2(a) 18.5.1
4.	Any component of Tank 6 permitted herein that appears to be leaking VOC/HAP vapors or liquids on the basis of sight, smell, or sound should be repaired with an initial attempt as soon as possible and final repair shall be done within 15 calendar days. A record of the leak shall be maintained and an estimate of the quantity in gallons and pounds of VOC/HAP materials lost.	2.1.1(g) 2.1.3 18.5.1
	Section 3 -- Compliance and Performance Test Methods and Procedures	
	Not Applicable.	
	Section 4 -- Emission Monitoring	
	Not Applicable.	
	Section 5 -- Recordkeeping and Reporting Requirements	
5.	<p>The permittee shall submit by February 10th of each calendar year to this Department an annual summary report for the previous calendar year in a format approved by this Department of the following production information of the Tank 6 permitted herein:</p> <p>A. The chemical or trade name of the stored VOC in the tank;</p> <p>B. The average storage temperature of the stored VOC in degrees Fahrenheit;</p> <p>C. The average true vapor pressure in psia of the stored VOC at storage temperature;</p> <p>D. The quantity in gallons of any VOC/HAP materials lost (evaporated to the atmosphere) due to a spillage, leak, or any other mishap;</p> <p>E. The annual throughput in gallons per year; and</p> <p>F. The annual VOC and HAP emissions.</p>	2.1.1(g) 2.1.3 18.5.3

Emissions Unit Operating Permit Summary

Emissions Unit No.: 033

Company: Rexam Beverage Can Company

Description: 8 Similar Cold Solvent Metal Cleaners with Remote Reservoirs and Covers. Solvent is Non-Halogenated and Non-HAP – Refer to these Sources as “Solvent Metal Cleaners” in this Permit

Permitted Operating Schedule: 24 hours/day x 7 days/week x 52 weeks/year

Type and Quantity of Fuel Used:
Primary: None
Secondary: None

Pollutants Emitted:

Pollutant	Regulatory Emission Limit	Applicable Regulations
Volatile Organic Compounds (VOC)	Facility-wide 14.61 tons per rolling 12-month period.	Chapter 2 New Source Review Limit Sections 2.1.3 and 18.5.1 Part 8.12 - Solvent Metal Cleaning

Pollution Control Devices: Cover on cold solvent cleaner and solvent draining rack back into solvent reservoir tank

Continuous Emission Monitors: N/A

Continuous Compliance Determiner: N/A

Method Test: EPA Control Technique Guideline Document # EPA-450/2-77-022

Monitor Certification Test: N/A

Monitor Quality Assurance Procedures: N/A

Reporting Requirements: Refer to Emissions Unit's Permit Condition

Applicable Regulations: Part 8.12; Sections 2.1.1, 2.1.3, 8.12.4, 18.5.1 and 18.5.3; Chapter 18

CONDITIONS FOR EMISSIONS UNIT NO.: 033

No.	FEDERALLY ENFORCEABLE CONDITIONS	Regulation
	Section 1 -- Applicability	
1.	The emissions unit permitted herein shall include all equipment used in the cold solvent metal cleaning operations, solvent vapors exhaust systems, and other cleaning solvents used anywhere within the facility. The cold solvent metal cleaners are subject to the requirements of Part 8.12 of the Rules and Regulations.	8.12 Chapter 18
	Section 2 -- Emission or Equipment Standards	
2.	The permittee shall not allow, cause, or permit the solvent metal cleaners and all other cleaning solvent usage within the facility permitted herein to exceed 14.61 tons of facility-wide VOC emissions (point and fugitive sources) during any rolling consecutive 12-month period, based on an annual rolling average as defined under Part 1.3 of the Rules and Regulations.	2.1.1(g) 18.5.1
3.	<p>As required by Section 8.12.4 of the Rules and Regulations, the owner and operator of a cold solvent cleaning device shall:</p> <ul style="list-style-type: none"> A. equip the cleaner with a cover and the cover shall be so designed that it can be easily operated with one hand; if, <ul style="list-style-type: none"> 1. the solvent volatility is greater than 15 mmHg (0.3 psia) measured at 38 °C (100 °F); or 2. the solvent is agitated; or 3. the solvent is heated; and, B. equip the cleaner with a device for draining cleaned parts and if the solvent volatility is greater than 32 mmHg (0.6 psia) measured at 38 °C (100 °F), construct the drainage device internally so that the parts are enclosed under the cover while draining, except that the drainage device may be external for applications where an internal type cannot fit into the cleaning system and approval is received from the Department; and, C. if the solvent (VOC) volatility is greater than 32 mmHg (0.6 psia) measured at 38 °C (100 °F) or if the solvent is heated above 50 °C (120 °F) install one of the following devices: <ul style="list-style-type: none"> 1. freeboard that gives a freeboard ratio greater than or equal to 0.7; or 2. water cover at least 2.54 centimeters deep (solvent must be insoluble in and heavier than water); or 3. other equipment systems of equivalent control, such as refrigerated chiller or carbon adsorption, approved by the Department; and D. provide a permanent, conspicuous label, summarizing the operating requirements; E. close the cover whenever parts are not being handled in the cleaner; F. drain the cleaned parts for at least 15 seconds or until dripping ceases; G. if used, supply a solvent spray that is a solid fluid stream (not a fine, atomized, or shower type spray) at a pressure which does not cause excessive splashing; H. do not clean any objects that are porous or absorbent; and I. store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, such that greater than 20 % of the waste solvent (by weight) can evaporate into the atmosphere. 	8.12.4
4.	The permittee shall attempt to repair all solvent leaks immediately. If the solvent leaks cannot be repaired on the first attempt, the permittee shall repair the solvent leaks within 48 hrs or remove all the solvent from the solvent metal cleaner and store it in sealed containers until cleaner has been repaired. The permittee shall maintain a record of all leaks. The record shall contain as a minimum the date the leak was first noticed, the date the leak was repaired, type of solvent (VOC) involved in the leak, and the quantity of solvent lost in gallons and pounds.	2.1.1(g) 18.5.1
5.	The permittee shall not store in open containers spent (waste) solvent, fresh solvent, or cloth or paper impregnated with solvent (VOC).	2.1.1(g) 18.5.1
6.	The permittee shall not allow any solvent to be used in the solvent metal cleaners permitted herein that contains a halogenated solvent or a solvent that contains a HAP on the list in Appendix D of the Rules and Regulations.	2.1.1(g) 18.5.1
	Section 3 -- Compliance and Performance Test Methods and Procedures	
7.	The permittee shall use the American Society for Testing and Materials (ASTM) method ASTM D1194-07, "Standard Test Method for Vapor Pressure," for measuring the true vapor pressure of solvents.	2.1.1(g) 18.5.3
8.	The permittee shall use the test methods and procedures in accordance with those specified in EPA's control technique guideline document number EPA-450/2-77-022, entitled "Control of Volatile Organic Emissions From Solvent Metal Cleaning," to determine by mass balance the VOC emissions from the solvent metal cleaner permitted herein. If VOC emissions testing is planned, the Department shall be notified in writing at least 30 days in advance, including proposed test methods and procedures.	2.1.1(g) 8.16.4 18.5.3
	Section 4 -- Emission Monitoring	
	Not Applicable	

Section 5 -- Recordkeeping and Reporting Requirements		
9.	The permittee shall maintain a daily record of the following as a minimum: A. The date and time of the addition of solvent (VOC) to the cold solvent cleaner; B. The type and quantity in gallons or pounds of solvent added to the cleaner; C. The date and time of the removal of spent (waste) solvent from the cleaner; and D. The quantity in gallons or pounds of spent (waste) solvent properly removed from the cleaner and stored in a closed container for proper disposal. A certification of the solvent content must be determined if permittee is to receive VOC emissions reduction credits.	2.1.1(g) 18.5.3
10.	The permittee shall submit a copy of the required record in the preceding emission unit permit condition 9 to the Department on February 10 th of every calendar year after the year of record. The permittee shall keep this record for a minimum of 5 years after the date of the record.	2.1.1(g) 18.5.3

Emissions Unit Operating Permit Summary

Emissions Unit No.: 034

Company: Rexam Beverage Can Company

Description: 7,800-Gallon Volatile Organic Compound Bulk Storage Tank No. 9 with a Submerged-Fill Pipe and a Conservation Vent – Refer to this Source as “Tank 9” in this Permit

Permitted Operating Schedule: 24 hours/day, 7 days/week, and 52 weeks/year

Type and Quantity of Fuel Used:

Primary: None

Secondary: None

Pollutants Emitted:

Pollutant	Regulatory Emission Limit	Applicable Regulations
Volatile Organic Compounds (VOC)	Equipment - Submerged-Fill Pipe	Paragraph 8.3.2(a)
Hazardous Air Pollutants (HAP)	N/A	N/A

Pollution Control Devices: Submerged-Fill Pipe and Conservation Vent

Continuous Emission Monitors: N/A

Continuous Compliance Determiner: N/A

Method Test: N/A

Monitor Certification Test: N/A

Monitor Quality Assurance Procedures: N/A

Reporting Requirements: Refer to this Emissions Unit's Permit Condition 5

Applicable Regulations: Part 8.3; Sections 2.1.1, 2.1.3, 18.5.1, and 18.5.3

CONDITIONS FOR EMISSIONS UNIT NO.: 034

No.	FEDERALLY ENFORCEABLE CONDITIONS	Regulation
	Section 1 -- Applicability	
1.	Tank 9 permitted herein is subject to and shall comply with the requirements of Paragraph 8.3.2(a) of the Rules and Regulations. The emissions unit shall include the storage tank and all appurtenant equipment to load into the tank and pump out of the tank (i.e. pumps, piping, valves, vents, seals, instruments, hoses and couplings).	8.3.2(a)
	Section 2 -- Emission or Equipment Standards	
2.	The permittee shall not dispose of any VOC/HAP materials in sewers, open containers or in any manner that would result in evaporation to the atmosphere.	2.1.1(g) 2.1.3 18.5.1
3.	Tank 9 permitted herein shall be equipped with a permanent submerged fill pipe or a bottom fill pipe as defined under Part 1.3 of the Rules and Regulations or this permit.	8.3.2(a) 18.5.1
4.	Any component of Tank 9 permitted herein that appears to be leaking VOC/HAP vapors or liquids on the basis of sight, smell, or sound should be repaired with an initial attempt as soon as possible and final repair shall be done within 15 calendar days. A record of the leak and an estimate of the quantity in gallons and pounds of VOC/HAP materials lost shall be maintained.	2.1.1(g) 2.1.3 18.5.1
	Section 3 -- Compliance and Performance Test Methods and Procedures	
	Not Applicable.	
	Section 4 -- Emission Monitoring	
	Not Applicable.	
	Section 5 -- Recordkeeping and Reporting Requirements	
5.	<p>The permittee shall submit by February 10th of each calendar year to this Department an annual summary report for the previous calendar year in a format approved by this Department of the following production information of the Tank 9 permitted herein:</p> <p>A. The chemical or trade name of the stored VOC in the tank;</p> <p>B. The average storage temperature of the stored VOC in degrees Fahrenheit;</p> <p>C. The average true vapor pressure in psia of the stored VOC at storage temperature;</p> <p>D. The quantity in gallons of any VOC/HAP materials lost (evaporated to the atmosphere) due to a spillage, leak, or any other mishap;</p> <p>E. The annual throughput in gallons per year; and</p> <p>F. The annual VOC and HAP emissions.</p>	2.1.1(g) 2.1.3 18.5.3